

(S-5392)

(NY-2951).

The All-Union Conference on the Problems of
Controlling Alcoholism, by Ye. S. Stankovich,
Yu. G. Shapiro, 9 pp.

RUSSIAN, per, Kazanskiy Med Zhur, Vol XXIX, No 3,
Kazan", May/Jun 1959, pp 104-108.

JPRS-L-1013-N

Sci - Med
Oct 59

98,860

(NY-3435).

Doses of X-Radiation to Which Patients and Medical
Personnel are Subjected During Cardiac Catheterization,
by K. Dyurchek, F. Minarik, A. Stankovichova,
M. Petrashova, L. Urichuk, 6 pp.

RUSSIAN, per, Medit Radiolog, Vol IV, No 10, 1959.

JPRS 2707

Sci - Medicine

Oct 60

130,989

119
Apparatus for Investigation of Electron Para-
magnetic Resonance, by J. Stankowski, 21 pp.
POLISH, par. Pracownia Techniczna Przyrodol
Nauk. Komisja Matematyczno-fizyczna, Prace,
Vol 11, No 2, 1964, pp 227-243. P100167868-V
PTD-MI-66-333

J. Stankowski

Sci/Phys
Sept 68

364,918

FDA FTL-T-68-2

R-9314-D
8 Apr 68

Toxicological testing of Aspergillus fungi species in
growing piglets and pregnant sows

By: ~~Dr~~ Chr. Stankushev

From: Akad. Selak, Nauk. v. Bulg. Vet. Nauch 3:135-39,
1963 (5 pp)

Bulgarian - est for wds:

Please translate and type 1 camera ready and 1 carbon
copy. Document can be cut.

STANLAKE, J. B.

The Chemotherapy of Tuberculosis.

Journal of Pharmacy and Pharmacology, Vol 3, No 3, Mar
1951, pp 129 - 148.

Sci Mus Lib
51/1139

A11437

The Kybernetics of Natural Systems, by D. & K.
Stanley-Jones.

RUSSIAN, bk, 145 pp.

PP

May 61

Projecting Steel Exterior Painting,
by J. F. Stanner, 18 pp.
Midwest, rpt, Miss on Etat de l'Acier Avant
Peinturage. 9699847
Dept of Navy/ONI Tr No 2106

112

Stanner, J. F.

Sci - M/M
Mar 66

296,541

Radiochemical Polymerization of Styrene in the Solid State, by A. Chapiro, V. Stannett, 4 pp.

FRENCH, per, Journal de Chim Phys, Vol LVII, 1960, pp 35-37.

ATB-9341F

Sci

Apr 62

Vol IV, No 6

190,242

Radiochemical Polymerizations Proceeding by an Ionic
Mechanism, by A. Chapiro, V. Stannett, 5 pp.

FRENCH, per, Journal de Chim Phys, Vol LVI, 1959,
pp 830-833.

ATS-9241F

Sci

190, 243

Apr 62

Vol IV, No 6

The Reater Addition of Polymer Latices, by
V. Stannett and E. C. Jahn, 13 pp.

per, Svensk Papperstidn, Vol
LVII, 1954, pp 437-440.

SIA Tr 57-1303

Sci

Jul 58

67,968

<p>Stannius, Hermann. EXPERIMENTS ON THE FROG HEART. [1962] 8p. Order from SLA \$1.10 63-10126</p> <p>Trans. of Archiv für Anatomie, Physiologie und Wissenschaftliche Medizin (Germany) 1852, v. 19, p. 85-92.</p> <p>DESCRIPTORS: Medical research, Amphibians, *Heart, Nerves, Blood vessels.</p> <p>(Biological Sciences--Physiology, TT, v. 10, no. 2)</p>	<p>63-10126</p> <p>I. Stannius, H.</p> <p>10881</p> <p>Office of Technical Services</p>
---	---

(DC-6)

The Issue Is to Introduce Order Into Workers' Wages, by Jiri Stano, 3 pp. UNCLASSIFIED

CZECH, per, Tvorba, No 31, Jul 1958, pp 734, 735.

US JPRS/DC-L-798

EE - Czechoslovakia
Soc
Oct 58

74, 158

THE GERMANIA PARTY COMMITTEE AND THE ADMINISTRATIVE
COUNCIL OF THE FARM WORKERS' COOPERATIVE, BY
POTHO FUSOV, DIMITAR STANOEV, 12 PP.

BULGARIAN, PER, PARTIEN ZHIVOT, SOFIA, NO 5,
1963, PP 20-28.

JPRS 19795

EUR-BULGARIA

POL

JUN

63

234,727

THE EXTENT, TYPES, AND RESULTS OF COOPERATION IN
ANIMAL HUSBANDRY IN SERBIA, BY J. STANOJEVIC,
DR. GADNJAREVIC, 26 PP.

SERBO-CROATIAN, PER, POLJOPRIVREDA I ZADRUGARSTVO,
VOL. X, NO 2, R1963, PP 8-16.

JPRS 19639

SCI - AGRI

JUN 63

832,493

THE EXTENT, FORMS, AND RESULTS OF COOPERATION
IN ANIMAL HUSBANDRY IN SERBIA, BY JOVANKA STANOJEVIC,
RADISAV RADNJAKOVIC, 26 PP.

SEMI-CROATIAN, PER, POLJOPRIVREDA I ZADRUZARSTVO,
VOL. X, NO. 1, 1963, PP 19-27.

JPRS 19192

EEUR - YUGOSLAVIA
ECON
MAY 63

231,250

A Contribution to the Study of Leguminous Crops and
Mixtures of Leguminosae and Grasses on Podzolic
Soils in the Region of Krusevac, by M. Stanjic, 12 pp.
SERBO-CROATIAN, per, Arhiv za Poljoprivredno Nauku,
Vol XVI, No 52, 1963, pp 69-80.
OTS 63-11453/2
PL-490

Sci + Agri
Apr 64

255,271

137
Influence of Recurrent Noise and Low-Frequency
Vibration on Blood Composition, Certain Organs,
and Anemia, by S. Zentgraf, J. Stanosek.

GERMAN, per, Acta Biologica et Medica
Carnaria, Vol 13, 1966, pp 331-335.

MSI J-3746
ID B204053967

Sci-Physics
Feb 68

J. Stanosek

367,465

(SF-1856/c)

Socialist Elements in the Economic Development of
Underdeveloped Countries -- A Yugoslav View, by
Janez Stanovnik, 40 pp.

CROATIAN, bk, Socijalisticki Elementi u Ekonomskom
Razvoju Nerazvijenih Zemalja, 1960.

JPRS 10274

EEur - Yugoslavia

170,625

Econ

Oct 61

(SF-1856/4)

The Struggle of Two Opposing Tendencies in the
Industry of the Underdeveloped Countries, by Janez
Stanovnik, 19 pp.

CROATIAN, per, Nasa Stvarnost, No 3, 1961, pp 271-294.

JPRS 4918

EEur - Yugoslavia

167,696

Econ

Sep 61

(NY-5373)

Historical Roots of the Problem of Economic
Underdevelopment, by Janex Stanovnik, 41 pp.

CROATIAN, per, Masa Stvarnost, No 5, 1960,
XXXXX pp 569-587.

JPRS 7565

EEur - Yugoslavia

Econ

Feb 61

138,690

Dehelminthisation by Oxygen in the Clinic of
Infectious Diseases, by T. I. Stanovova,
V. I. Pokrovskiy, S. A. Tssidler, 6 pp.

RUSSIAN, per, Meditsinskaya Parazitologiya,
1 Par Bol, No 3, 1953, pp 260-262. *D/5/3/0*

HIH

Scientific - Medicine

May 55 GTS

APR

RT-2666

23,484

CBQ DC-6

Interview With Milan Bartos About Dance Ensembles,
Folkloristic Ones In Particular, by V. Stanovsky,
5 pp.

CZECH, per, Kultura 58, No 34, Prague, Aug 1958,
pp 1-2.

US JPRS/DC-L-1081

Ref - Czechoslovakia

Soc - Folklore, Dance Ensembles
Nov 58

72,267

(DC-2200)

LET US INCREASE THE ACTIVITIES AND INITIATIVE
OF RURAL PARTY ORGANIZATIONS, BY STOYU
STANOYEV, 12 PP.

BULGARIAN, PER, NOVO VREME, VOL XXXVIII, NO 6,
1962, PP 78-88.

JPRS 14568

EDUR - BULGARIA
POL

204,631

Process for the Purification, of
Acetylase, by G. H. Lovett, W. H.
Stanton, 11 pp.
FRENCH, patent, 1,331,846, 1963,
SLA TT-64-30339

W. H. Stanton

336,350

Set
Aug 67

(NY-6503)

Imperceptible Trouble-Makers, by V.
Stantsa, 5 pp.

RUSSIAN, np, Komsomol' Pravda, No 173,
23 Jul 1961, p 4.

JPRS 10710

Sci - Med
Nov 61

174.834

A Simple Electronic Instrument for Statistical
Research in the Field of Radio Wave Propagation, by
N. S. Stanulov, 8 pp.

RUSSIAN, per, Elektrosvyaz', No 4, 1961.

AIEE

Sci
17 May 62

194,536

The Effect of Stress Raisers on the
Deformability of Heat Resisting Steels,
by A. V. Stanyukovich.
RUSSIAN, per, Isaled Po Zharniroch. S
Galavan. Inst Met. in A. A. Baikova,
1963, Vol 10, pp 93-102.
REL 5828.4 1964 (5496) (On Loan)
CASTI TT-65-61338.

Aug 65

286,896

A. V. Stanyukovich

Conformities of the Tendency of Steel to Brittle
Fracture at High and Low Temperatures, by A. V.
Stanyukovich, 10 pp.

RUSSIAN, per, Metallovedeniye i Termicheskaya
Obrabotka Metallov, No 7, 1964, pp 2-7.
JPES 27,905

Sci-Mat & Met
Feb 65

272,939

EFFECT OF WORK HARDENING ON (HIGH-TEMPERATURE)
DEFORMATION OF (18-9) TI STEEL LKHL8N9T,
BY A. V. STANYUKOVICH.

RUSSIAN, PER, METALLOV I TERM OBRAB METALLOV,
NO 7, 1960, PP 7-14.

HB 5443

SCI - MIN/MET
AUG 62

207,008

Causes of Failure of Steam Superheater Pipes
Made From 18 Cr/12 Ni/1Ti Steel, by
A. V. Stanyukovich, E. E. Levin, 9 pp.

GERMAN, per, Energomashinostroenie, No 10,
1961, pp 27-30.

AEC-TTC-Inf-Ser-191

Sci-Phys
Nov 63

242,435

The Plasticity of Steel and the Development of Inter-crystalline Fracture at High Temperatures, by A. V. STANYUKOVICH, Y. M. PIVNIIC, 10 pp.

RUSSIAN, per, Fiz Metal i Metallov, Vol X, No 1, 1960, pp 106-116.

FP

165, 518

Sci

Aug 61

Causes of Failure of Steam Super-heater
Pipes Made From 18Cr/12Ni/1Ti Steel,
by A. V. Stanyukovich.
RUSSIAN, per, Energomashinostroenie,
No 10, 1961, pp 27-30.
NLL/9091.9 1963 TRGIS 191

A. V. STANYUKOVICH

Sci -
Jul 67

334,311

Methods of Determining the Long-Time Strength of
Welded Joints, by A. V. Stanyukovich, V. M. Zemzin,
6 pp.

RUSSIAN, per, Zavod Lab, Vol XXV, No 6, 1959,
pp 715-721.

Instru Soc of Amer

Sci

119,603

Jun 60

Long Time Strength of Welds at High Temperatures,
by A. V. Stanyukovich, et al.

RUSSIAN, per, Metal i Obra Metallov, No 2, 1958,
pp 12-18.

Infosearch Ltd.

Min/Met
Sep 59

96,390

Effect of Work Hardening on (High Temperature) Deformation of Steel 1Kj18N9T, by A.V. Stanyukovich, 6 pp.

RUSSIAN, per, Metal i Term ~~PO~~bra Metallov, No 7-9, 1960.

Acta Metallurgica

Sci

May 64

258,436

Problems of Interplanetary Flights, by K. Stanyukovich,
9 pp.

RUSSIAN, ^{np} ~~par~~, Krasnaya Zvezda, 10 Aug 1954, p 3.

SLA R-3570

Sci

Aug 59

95, 315

There are Seven Elements in the World, by
M. Vasil'yev, K. Stanyukovich, 275 pp.

RUSSIAN, ~~PMI~~,bk, V Mire Semi Stikhiy, 1961,
pp 1-255. 9680352

FTD-TT-62-960

Sci-Earth Sci & Astron
Apr 63

226,697

General Solutions of Gas Dynamic Equations for
Unidimensional Movements for a Certain Given
Equation of State or of Process, ~~1954~~ by K.
Stanyukovich.

RUSSIAN, per, Doklady Akad Nauk, SSSR, Vol
XCVI, No 3, 1954, p. 441-444.

CSIRO 3288.

Sci

Jul 58

68,712

Problems of Interplanetary Flights,
by K. Stanyukovich, 10pp
RUSSIAN, per, Krasnaya Zvezda, 1954, 10 Aug
pp 3,
CFSTI TT-64-71244

K. Stanyukovich
323,832

Sci - Engineering
Apr 67

Gravitational Field and Elementary Particles,
by K. P. Stanyukovich.

RUSSIAN, bk.

*CB
1966

May 65

Radiation of Gravitational Waves by
"Elementary Particles," by K. P. Stanyukovich,
16 pp.

RUSSIAN, per, Vest Moskov Univer, Ser III,
Fiz i Astron, No 5, 1961, pp 71-82. 9664224

FID-IT-61-394

Sci - Phys

186,245

2 Mar 62

One-Dimensional Flow of an Ultrarelativistic
Gas, by K. P. Stanyukovich, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIX,
No 3, 1961, pp 590-.

AIP
Sov Phys - Dok
Vol VI, No 7

Sci

Feb 62

855
182, ~~189~~

The Motion of a Conducting Plasma Under the Action
of a Piston, b, G. A. Skuidin, K. P. Stanyukovich
11 pp

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXI, No 1,
1960, pp 72-74.

AIP
Sov Phys-Doklady
Vol V, No 2

Sci
Nov 1960

132, 745

The System of Aerial Shock Waves During the
Flight and Explosion of Meteors, by K. P.
Staryukovich, 13 p.

RUSSIAN, per, Meteoritika, 1956, Vol XIV, pp 62-69.

¹
SLA 59-20920

Bei
Apr 60
Vol III, No 2

111,613

NASA TT F-70

National Aeronautics and Space Administration.
AERODYNAMIC EFFECTS OF METEORITES. A
SPECIFIC CASE. (Ob odnom effekte v oblasti
aerodinamiki meteorov.) K. P. Stanyukovich.
August 1961. 12p. OTS price, \$0.50.
(NASA TECHNICAL TRANSLATION F-70. Transla-
tion from Akademiia Nauk SSSR, Izvestiia, Otdelenie
Tekhnicheskikh Nauk, Mekhanik i Mashinostroenie,
no. 5, 1960, p. 3-8.)

Presented is a study of atmosphere molecule colli-
sions on a meteor body. For velocity impacts, the
magnitude c_x is found to be greater than theory
predicts. For the given deceleration, the density of
the atmosphere is thought to be several times lower
than previously calculated by means of meteor data.

Copies obtainable from NASA, Washington

- I. Stanyukovich, K. P.
- II. NASA TT F-70
- III. Akademiia Nauk SSSR,
Izvestiia, Otdelenie
Tekhnicheskikh Nauk,
Mekhanik i
Mashinostroenie, no. 5,
1960, p. 3-8

(Initial NASA distribution:
5, Atmospheric entry;
6, Astronomy; 20, Fluid
mechanics; 21, Geophysics
and geodesy.)

NASA

Elements of the Theory of the Impact of Solid
Bodies with High (Cosmic) Velocities, by
K. P. Stanyukovich, 42 pp.

RUSSIAN, bk, Iskusstvennyye Sputniki Zemli, No 4,
1960.

Plenum Press

In CIA Lab
Sci - Space Res
Jun 61

153,440

36
Investigation of the Explosion of Condensed Explosives,
by L. D. London, K. P. Sauerbrey, 7 pp.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol XLVI, No 9,
1965, pp 295-302. 949221
FTD-77-63-583

Sol - Phys:
Apr 44

211,418

(SF-1880)

Similarity Type Relativistic Motions
in a Case of Point Symmetry, by K. P.
Stanyukovich, 7 pp.

RUSSIAN, per, Doklady Akademii Nauk SSSR,
Vol CIL, No 1, 1st Sep 1961, pp 77-80.

JPRS 12787

Sci - Phys
Mar 62

188,575

Cylindrical and Plane Magnetohydrodynamic Waves,
by K. P. Stanyukovich, 4 pp.

RUSSIAN, per Zhur Ekspoz i Teoret Fiz, Vol XXVI
(9), No 6, 1959, pp 1782-1787.

Amer Inst of Phys
Sov Phys-JETP

Sci

Jan 60

106,797

Dreams of the Future of Science and Technology,
by K. P. Stanyukovich, L. D. Landau, Yu. B. Rumer,
P. V. Shvakov, 3 pp.

RUSSIAN, per, Izobretel' i Ratsionalizator, No 1,
1960, pp 15-18, 21-23.

IGC 111

Sci - Geophys
May 60

116,647

Before Attacking the Moon, by K. P. Stanyukovich,
3 pp, (AF 1151807). UNCLASSIFIED

RUSSIAN, np, Sovet Aviatsiya, No 1 (2863), 1 Jan 1958,
p 3. CIA 605773

ATIC F-TS-9390/III

Sci - Space Res
Jan 58
Mag

60,569

The Solution of Inhomogeneous, One-Dimensional
Motion Problems in Magnetic Gasodynamics, by
S. A. Kaplan, K. P. Stanjukovich, 3 pp.

RUSSIAN, no per, Zhur Eksper i Teoret Fiz,
Vol XXX, No 2, Jan 1956, pp 382-385.
Feb

Amer Inst of Physics
Vol III, No 2,
Soviet Physics, JETP

Sci - Physics
Apr 57 OIS

46,503

Solving the Equations of Magnetic Gas Dynamics for
One Dimensional Movement, by S. A. Kaplan, K. P.
Stanjukovich, 6 pp. UNCLASSIFIED

RUSSIAN, thirce-no per, Dok Ak Nauk SSSR, Vol XCV,
1954, pp 769-771.

AEC 3101

Sci - Phys

58,093

Deb 58

Velocity and Energy of the Tungus
Meteorite, by K. P. Stanyukovich, by
V. A. Bronshten.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL,
No 3, 1961, pp 583-586.

NASA TT F-8174

Sci - Phys, Geophys

14 Jun 62

US GOV'T USE ONLY

201,208

Elements of Relativistic Magneto-Aerodynamics, by
K. P. Stanyukovich, 11 pp.

RUSSIAN, bino per, Iz Ak Nauk SSSR, Sr Fiz,
Vol XIX, No 6, 1955, pp 639-650.

Columbia Tech Tr

Sci - Physics
Apr 57 CTS

Avail Br 5 Lib

45,619

Irrregular Motion of a Continuous Medium,
by K. P. Stanyukovich, 7 pp.

~~Sci. Eng.~~ (7)
~~Sci. Eng.~~, rpt, Vol II, 1961. 9671549

FTD MCI-1228/1

Sci - Engr

176,085

13 Dec 61.

Some Results in Relativistic Magnetohydrodynamics,
by K. P. Stanynkovich, 5 pp.

RUSSIAN, thrice-no per, Dok Ak Nauk SSSR,
Vol CIII, 1955, pp 73-76. 904 9847

ANC Tr 2742

48,638

Sci - Physics
Jun 57

Sci Mus Lit-57/2746

~~Interior Ballistics, Gas Dynamics Approach, by~~
K. P. Stanyukovich.

RUSSIAN, bk, 1957.

Infosearch Ltd.
242 Willesden Lane
London, N.W.10.

Apr 59

On the Disintegrating Action of Meteoritic ³⁴
Impacts, by K. P. Stanyukovich,
V. V. Podynskiy.
RUSSIAN, per, Dok Ak Nauk SSSR, Vol 57,
No 2, 1947, pp 129-132.
NAS/GSFC/ST-IN-LPES-10802-69

K. P. Stanyukovich

Sci-Astron
June 69

383,183

Elements of the Physical Theory of Meteors and of
Cratering of Planets, by K. P. Stanyukovich,
39 pp.

RUSSIAN, no par, Meteoritika, No 7, 1950,
pp 39-62. CIA 563467

AFIC F-75-8939/v

39,966

Sci - Geophysics
Oct 1956

Application of Certain Empirical Relations to the
Study of Meteors, by K. P. Stanyukovich, 12 pp.

RUSSIAN, no per, Astron Zhur, Vol X, No 4, 1933,
pp 457-463. CIA 56 3974

ATTC F-TS-8925/V

Sol - Astronomy
Oct 1956

39,985

About Destructive Action of Meteoric Impacts,
by K. P. Stanyukovich, V. V. Fedynskiy.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR,
Vol LVII, No 2, 1947, pp 129-132. C/A 563375

ATIC F-TS-8961/III

Sci - Geophysics
Jun 1956

40, 811

Determination of the Trajectories of Meteors in the
Earth's Atmosphere, by K. P. Stanyukovich, 14 pp.

RUSSIAN, per, Byul Vago, No 16 (23), 1955,
pp 7-14. CIA 563369

ATTC P-28-8838/III

Sci - Astronomy, Geophysics, meteorology
Oct 1956 CTS/dex

40,148

(NY-5348)

Linear Approximation of Velocity in the Case of
One-Dimensional Motion of a Plasma With Finite
Conductivity, by L. B. Levitin, K. P.
Stanyukovich, 10 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXXIV,
No 2, 1960, pp 300-303.

JPRS 7357

Sci - Phys

142,452

Mar 61

Some Stationary Relativistic Flows, by K. P.
Stanyukovich, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No 2,
pp 251-462.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91, 864

Interaction of Two Bodies Emitting Streams of
Gas, by K. P. Stanyukovich, 5 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXIX, No ⁴ 2,
1958, pp 686-689.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 2

Sci - Phys

Jul 59

91,899

On the Motion of Bodies at High Velocities in a
Weak Gravitational Field, by K. P. Stanyukovich,
4 pp. at

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXX, No 2,
1958, pp 277-.

Amer Inst of Phys
Sov Phys - Doklady
Vol III, No 3

Sci - Phys

Jul 59

92,107

Automodular Plane and Axiallysymmetrical Established
Motion of Gas, by K. P. Stanyukovich.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LXIV,
No 1, 1949, pp 29 - 32.

AEC Tr 1007

Scientific - Physics

Nov 1951 CTS

A11499

Conducting Medium, by K. P. Stanyukovich, 3 pp.

RUSSIAN, per, Zhur Kasper i Teoret Fiz, Vol XXV,
No 3(9), 1958, pp 762-765.

Amer Inst of Phys
Sov Phys - JETP
Vol VIII(35), No 3

Sci - Phys

Apr 59

83,904

14
if

(NY-3964).

An Approximate Solution of the Problem of the
Motion of a Conductive Plasma, by G. A. Skuridin,
K. P. Stanyukovich, 7 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXX, No 6,
Jun 1960, pp 1248-1251.

JPRS 2719

Sci - Phys
Jun 60

117,059

(FDD 25185)

The Nature of Gravity, by K. P. Stanyukovich,
7 pp.

Full translation.

RUSSIAN, no per, Nauka i Zhizn', No 1, Moscow,
16 Jan 1954.

CIA/FDD/U-7105

USSR

Sci - Physics, gravity
CTS 69/Jun 55 (Geller)

26, 223

Unsteady Motion of Continuous Media, by
K.P. Stanyukovich,

RUSSIAN, bk.

*Pergamon Press

Aug 59

The Unsteady Motion of a Continuous Medium, by
K. P. Stanyukovich. UNCL

bk
RUSSIAN, ~~see~~, The Theory of Detonation Waves,
Moscow, 1955, pp 309-363.

TIL T 4896

Sci - Phys
Jun 60

NLL M.1745

117,584

Unstabilized Motion of a Continuous Medium, by
K. P. Stanyukovich. UNCLASSIFIED

RUSSIAN, bk, Naustavovivshiesya Dvisheniya
Sploshnoy Sredy, Chap 7, 8, 1955, Moscow.
CIA 9031276

TIL 4896

entire book Pligamon 7.01-1757

Sci - Phys

Dec 58

77,558

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The Motion of Particles of the Products of Detonation
of a Linear Charge, by K. P. Stamukovich, 9 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol LVIII,
No 5, 1947, pp 763 - 766.

AMC F-TS-7472

Scientific - Physics - Hydromechanics

Nov 1951 CTS

A 11488

168

The Role of External Cosmic Factors in
the Evolution of the Moon, by K. P.
Stanyukovich and V. A. Bronshten,
34 pp.

RUSSIAN, bk, Luna, State Publishing
House of Physical-Mathematical Literature
Chapt VIII, Moscow, 1960.

Royer and Roger

CIA Use Only
DB 581 M3 B5
Sci - Geophys
Jun 62

197,849

Universal Gravitation, by K. P. Stanyukovich, 6 pp.

RUSSIAN, np, Komsomol'skaya pravda, 15 June, 1958,
p 3.

Garbell Res Foundation
San Francisco, Calif.

Sci-Geophys

Mar 61

141,739

Introduction to Cosmic Gas Dynamics, by F. A.
Baum, S. A. Kaplan, K. P. Stanyukovich,
649 pp, UNCL.

RUSSIAN, bk, Vvedeniye v Kosmicheskuyu
Gazodinamiku, Moscow, 1958, 424 pp.

ATIC F-TS-9951/V

Sci-Phys

Jul 59

91,189

Some Forms of Nonsteady Plane and Three-Dimensional
Gas Flow, by K. P. Stanyukovich, 6 pp.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol CXII,
No 4, pp 595-598.

1957,

Consultants Bureau

53,975

Sci - Physics
Dec 57

61-19462

Stanyukovich, K. P. and Fedynskiy, V. V.
THE DESTRUCTIVE ACTION OF METEORITE IM-
PACTS (O Razrushitel'nom Deystvii Meteoritnykh
Udarov). [1960] [9]p. 24 refs. F-TS-8961/V.
Order from LC or SLA mi\$1.80, ph\$1.80 61-19462

Trans. of Akademiya Nauk SSSR. Doklady, 1947,
v. 57, no. 2, p. 129-132.

- I. Meteorites--Penetration
- I. Stanyukovich, K. P.
- II. Fedynskiy, V. V.
- III. F-TS-8961/V
- IV. Technical Information
Center, Wright-Patterson
AFB, Ohio

Office of Technical Services

(Astronomy--Astrophysics, TT, v. 5, no. 10)

Rendezvous With Mars, by Prof Kirill Stanyukovich, 6 pp

RUSSIAN, rpt, Soviet Review of World Events, 16 Oct
1956, pp 25, 26. CIA 9012722 C Reel 243

Rand Corp RM-1922

Sci - Aeronautics
Oct 57

54, 241

S-138/60

(NY-3/12).

Shock Waves in Solids, by L. P. Orlenko, K. P.
Stanyukovich, 17 pp.

RUSSIAN, per, Iz Vysshikh Ucheb Zaved, Fiz,
No 6, 1959, pp 14-24.

JPRS 5022

Sci - Phys
Jul 60

119, 711

61-13080

Stanyukovich, K. P.
 THE THEORY OF DETONATION WAVES (Teoriya
 Detonatsionnykh Voin) trans. ed. by D. C. Pack and
 J. B. Holliwel. Feb 60, 57p. TIL/T. 4896a, M1745:
 AD-235 555.
 Order from LC or SLA mi\$3.60, ph\$9.30 61-13080

Trans. of mono. Nuyestanovivshiyesya Dvizheniya
 Sploshnoy Srdeyi (The Unsteady Motion of a Continuous
 Medium) Moscow, 1955, chap. 7, p. 309-363.
 A complete translation is available from PP \$15.00,
 1960, 745p.

The topics are entitled: Fundamental laws and relation-
 ships of the theory of detonation and deflagration waves;
 Analysis of the possible motions of a medium behind a
 reaction front; The mechanism of combustion and deto-
 nation, Analysis of the processes of detonation and com-
 bustion in polytropic media; The equations of state of
 the detonation products of condensed explosive charges;
 and, the general laws of thermodynamics for the ex-
 panding detonation products of concentrated explosives.

I. Detonation waves--
 Theory

- I. Stanyukovich, K. P.
- II. Title: Unsteady...
- III. TIL/T-4896a
- IV. DEIR LLU M. 1745
- V. AD-235 555
- VI. Ministry of Aviation
 (Gr. Brit.)

Rept. 2-1-60
QD 516 57

Office of Technical Services
 (Chemistry--Physical,
 TT, v. 5, no. 7)

Sanyukovich, K. F.
ON ONE EFFECT IN THE AERODYNAMICS OF
METEORITES. 23 Dec 60, 2p. AID rept. 60-113.
Order from LC or SLA ml\$1.80, ph\$1.80 61-15665

Abstract trans. of Akademiya Nauk SSSR. [Otdeleniye
Tekhnicheskikh Nauk]. Izvestiya: Mekhanika i
Mashinostroyeniye, 1960, no. 5, p. 3-8.

61-15665

- I. Meteorites--Aerodynamic
characteristics
I. Sanyukovich, K. F.
II. AID-60-113
III. Air Information Div.,
Washington, D. C.

OTS 61-31592

Office of Technical Services

(Astronomy--Astrophysics, TT, v. 5, no. 7)

Trip to the Moon: Fantasy and Reality, by
Prof Kirill Stanyukovich, 5 pp.

RUSSIAN, np, News: A Soviet Review of World
Events, No 11, 1 Jun 1954, pp 28-29.
CIA 9006302 V

Rand Corp RM 1760
TR

Sci - Aeronautics
Oct 57

54,216

Resistance D'Endurance Aux Hautes Temperatures Des
Joints Soudes. (Prolonged High Temperature
Resistance of Welded Joints, by A. V. Stanyukovitch,
V. C. Zemzin (Zemzine), 17 pp.

FRENCH from RUSSIAN, per, Metalloved. i Obrabotka
Metal, Vol II, 1958, pp 12-18.

Reverse Translation
CEA-Tr-R-631

The Preparation of Pitch for the Production of
Pitch Coke, by M. A. Stapanenko, N. Y. Matusyak.

RUSSIAN, per, Koks i Khimiya, Vol IV, 1956,
pp 55-58.

CCT-1732B

Sci - Chem
Dec 59

103,004

Determining the Viscosity of Oils at Temperatures Below the Solidifying Point,
by O. Amsel, H. Stapel, 5 pp.

GERMAN, per, Oil und Kohle, Vol XXIV,
No 45, 1940, pp 512-514.

SLA 60-18318

Sci
Vol IV, No 11
Jan 62

199, 284

(SF-1856)

The Utilization of Duty-Free Areas for Exports, by
B. Staphani, 7 pp.

GERMAN, per, Der Aussenhandel, Vol XI, No 17/18,
28 Aug 1961, pp 31-33.

JPRS 12335

Sur - E. Germany

182,555

Econ

Feb 62

Translational Migration of Capillary-Suspended
Moisture in Sandy Soil Materials, by V. Ya.
Svoprens, 5 pp.

RUSSIAN, per, Pochvovedeniye, No 4, 1960,
pp 10-15.

AIDS

S-1
Aug 61

167, 223

Clinical and Morphological Investigation of Cervix
Tumors During Irradiation, by K. Gross, B. Stara.

RUSSIAN, per, Voprosy Onkologii, Vol IV, No 5,
1958, pp 589-596.

Pergamon Press

Sci

Jan 60

106,148

Prague Underground Streetcar Network, by Jan
Straka, 20 pp., GOVERNMENT USE ONLY
CZECH, per, Vesmir, No 3, 1967, pp. 70-79.
JPRS GUD 2461

JAN STRAKA

EE-Czechoslovakia
Sci-Mech, Indus Engr
Aug 67

332,443

Changes in the System of Financing Investments with Foreign
Credits, by Todor Stancovic, 10 pp.
CROATIAN, per. Financije, No 7-8, 1963, pp 415-422.

JPRS 29493

EE-Yugoslavia
Econ
Mar 64

331, 138